

**STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

Attachment No. 1

Page 1 of 3

PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

Amend Section 5155 to read:

§5155. Airborne Contaminants.

(a) Scope and Application.

(1) This section establishes requirements for controlling employee exposure to airborne contaminants and skin contact with those substances which are readily absorbed through the skin or cause dermal sensitization and are designated by the "S" or "D" notation in Table AC-1 at all places of employment in the state.

(2) When this section references another section for controlling employee exposures to a particular airborne contaminant, the provisions of this section for such substance shall apply only to those places of employment which are exempt from the other standard.

Note: Table AC-1 of this section presents concentration limits for airborne contaminants to which nearly all workers may be exposed daily during a 40-hour workweek for a working lifetime without adverse effect. Because of some variation in individual susceptibility, an occasional worker may suffer discomfort, aggravation of a pre-existing condition, or occupational disease upon exposure to concentrations even below the values specified in these tables. The exposure limits established by this section reflect current medical opinion and industrial hygiene practice, doubts being resolved on the side of safety, and are intended to be used in accordance with good industrial hygiene practice by qualified persons. The division recognizes the need for almost continuous review of these concentration limits and also anticipates the need for including new or additional substances. Harmful exposure to any substances not listed in this section shall be controlled in accordance with section 5141.

* * * * *

(d) Notations. The substances with one or more of the following notations in the Notations column of Table AC-1 require additional protections as specified:

(1) Skin ~~Notation and Protective Clothing~~. The substances designated by "S" in the ~~skin notation~~ Notations column of Table AC-1 may be absorbed into the bloodstream through the skin, the mucous membranes and/or the eye, and contribute to the overall exposure. Appropriate protective clothing as required by Article 10 or other Title 8 personal protective equipment requirements shall be provided for and used by employees as necessary to prevent skin absorption.

Note: The above requirement does not remove the employer's responsibility to provide appropriate protection from corrosive or skin irritating materials which may not bear the "S" designation.

(2) Dermal Sensitization. The substances designated by "D" can cause occupational dermal sensitization responses such as contact dermatitis even when exposures do not exceed the values in Table AC-1. Exposure related symptoms may include one or more of the following: skin rash, hives, and irritation of the nose, throat, skin or eye. Hazard communication training required by sections 5191 or 5194 shall address these health hazards and symptoms along with the measures taken by the employer to evaluate and control exposures that can include medical evaluations, exposure monitoring, ventilation systems, work practices, and personal protective equipment. The communication system required by section 3203

**STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

Attachment No. 1

Page 2 of 3

PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

shall inform employees where to report possible health symptoms and where to ask questions, report concerns, and receive information about the employer's evaluation and control measures. Appropriate protective clothing as required by Article 10 or other Title 8 personal protective equipment requirements shall be provided for and used by employees as necessary to prevent dermal contact.

(3) Respiratory Sensitization. The substances designated by "R" can cause respiratory sensitization such as occupational allergy and asthma. Exposure related symptoms may include one or more of the following: shortness of breath, chest tightness, wheeze, cough, and irritation. Hazard communication training required by sections 5191 or 5194 shall address these health hazards and symptoms along with the measures taken by the employer to evaluate and control exposures that can include medical evaluations, exposure monitoring, ventilation systems, work practices, and personal protective equipment. The communication system required by section 3203 shall inform employees where to report possible health symptoms and where to ask questions, report concerns, and receive information about the employer's evaluation and control measures. Appropriate respiratory protection as required by section 5144 shall be provided for and used by employees as necessary to prevent overexposure.

* * * * *

(f) Medical Surveillance Consultation and Examination.

(1) For any substance listed in Table AC-1, aA medical surveillance program approved by the division may be required to ensure satisfactory maintenance of employee health and to ascertain the effectiveness of the control method(s).

(2) For any substance with an "R" notation, the employer shall provide all employees who work with the substance an opportunity to receive medical attention, including any follow-up examinations which the examining physician determines to be necessary, under the following circumstances:

(A) Whenever an employee develops signs or symptoms associated with the substance to which the employee may have been exposed, the employee shall be provided an opportunity to receive an appropriate medical examination.

(B) Where exposure monitoring reveals an exposure level above the permissible exposure limit for that substance.

(C) Whenever an event takes place in the work area such as a spill, leak, explosion or other occurrence resulting in the likelihood of a hazardous exposure, the affected employee shall be provided an opportunity for a medical consultation. Such consultation shall be for the purpose of determining the need for a medical examination and shall take place between affected employee and a licensed physician for the purpose of determining what medical examinations or procedures, if any, are appropriate.

(3) All medical surveillance, examination, and consultation required by subsection (f)(2) shall include an initial or follow-up questionnaire that is administered to the employee and the results provided to the physician. The contents of the questionnaire shall include or be equivalent to the samples provided in Appendix to Section 5155.

(4) All medical surveillance, examination, and consultation required by subsection (f) shall be performed by or under the direct supervision of a licensed physician and shall be provided without cost to the employee, without loss of pay and at a reasonable time and place.

STANDARDS PRESENTATION TO CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD

Attachment No. 1

Page 3 of 3

PROPOSED STATE STANDARD, TITLE 8, CHAPTER 4

- (5) Information provided to the physician. The employer shall provide the following information to the physician:
- (A) The identity of the substance(s) to which the employee may have been exposed;
- (B) A description of the conditions under which the exposure occurred including quantitative exposure data, if available; and
- (C) A description of the signs and symptoms of exposure that the employee is experiencing, if any.
- (5) Physician's written opinion.
- (A) For examination or consultation required under subsection (f)(2), the employer shall obtain a written opinion from the examining physician and act on its recommendations which shall include the following:
1. Any recommendation for further medical follow-up;
 2. The results of the medical examination and any associated tests;
 3. Any diagnosed medical condition which may place the employee at increased risk as a result of exposure to a substance found in the workplace along with any recommendations to limit further exposure; and
 4. A statement that the employee has been informed by the physician of the results of the consultation or medical examination and any medical condition that may require further examination or treatment.
- (B) The written opinion shall be maintained and available in accordance with section 3204 and shall not reveal specific findings of diagnoses unrelated to occupational exposure.

Appendix to Section 5155

* * * * *

(C) Sample medical questionnaires to comply with section 5155(f)(3)

* * * * *

Table AC-1

PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS

Chemical Abstracts Registry Number ^(a)	Notation <i>Skin</i> ^(b)	Name ^(c)	PEL ^(d)		Ceiling ^(g)	STEL ^(e)	
			ppm ^(e)	mg/M ^{3(f)}		ppm ^(e)	mg/M ^{3(f)}

* * * * *

Footnotes to Table AC-1

* * * * *

(b) Refer to section 5155(d) for the significance of the S for Skin, D for Dermal Sensitization, or R for Respiratory Sensitization notation.

* * * * *

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Sections 142.3 and 144.6, Labor Code.